



## Moramastic IC

### Product Description

Moramastic IC is a two-component, high build polyamine cured epoxy coating with a very durable polymer structure. It is reinforced with glass flakes to create impact and abrasion resistance. Ice friction performance and ice slip properties are excellent.

### Intended Uses

It is suitable for the underwater area of ice going vessel.

Splashes zones of petroleum and related products. Can be used as primer, finish coat or as single coat system in atmospheric and immersed environments.

### Physical Properties

Physical State	: Liquid
Colour	: Red, grey, black
Volume Solid (%)	: 96 $\pm$ 2
Density	: 1,37 $\pm$ 0,05 kg/L
Gloss	: Glossy
Flexibility	: Good
Pot-life	: 40 min. (25°C)

### Application Data

Mixing Ratio (volume)	: 3 units Part A / 1 units Part B
Application Methods	: Airless spray
Application Conditions	: The temperature of the substrate should be minimum 3°C above the dew point of the air. Good ventilation is required.
Thinner/Cleaner	: 159 Thinner (max 5% by volume)

#### Guiding data for airless spray

Pressure at nozzle	: 20-25 MPa
Nozzle tip	: 0,58-0,68 mm (0,023-0,027")
Spray angle	: 40-80°
Filter	: Glass flake particles may occlude the filters. Filters of both surge tank and tip should be removed.

	Dry (µm)	Wet (µm)	Theoretical Coverage (m²/L)
Typical film thickness	500	510	1,96

**Surface Preparations**

All surfaces to be coated should be clean, dry and free from contamination. The surface should be assessed and treated in accordance with ISO 8504.

**Steel surface**

Blast-cleaning to Sa 2½ (ISO-8501). Surface profile shall be greater than 60 microns.

**Coated surface**

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**Drying Time**

Substrate Temperature	Pot Life (max)	Touch Dry	Hard Dry	Over coating Data	
				Minimum	Maximum
5°C	90 minutes	18 hrs	36 hrs	36 hrs	4 days
23°C	40 minutes	8 hrs	24 hrs	24 hrs	2 days
30°C	20 minutes	4 hrs	12 hrs	12 hrs	1 days

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

**Packing Size** : 20 L

**Storage**

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated area and away from source of heat and ignition. Containers must be kept tightly closed.

**Health and Safety**

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

**For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.**

**Disclaimer:** The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.